UNIT-4 : Python conditional and iterative statements :

Que No	Question Description	Option1	Option2	Option3	Option4	Correct answer
1	All keywords in Python are in _____	Capitalized	lower case	UPPER CASE	None of these	4
2	What will be the value of the following Python expression? 4 + 3 % 5	7	2	4	1	1
3	What will be the output of the following Python code? i = 1 while True: if i%3 == 0: break print(i) i + = 1	1 2 3	1 2	error	None of these	3
4	What is the order of precedence in python?	Exponential, Parentheses, Multiplication, Division, Addition, Subtraction	Exponential, Parentheses, Division, Multiplication, Addition, Subtraction	Parentheses, Exponential, Multiplication, Division, Subtraction, Addition	Parentheses, Exponential, Multiplication, Division, Addition, Subtraction	4
5	What are the values of the following Python expressions? 2**(3**2) (2**3)**2 2**3**2	512, 64, 512	512, 512, 512	64, 512, 64	64, 64, 64	1
6	Which of the following is the truncation(floor) division operator in Python?	/	//	%	None of these	2
7	Which of the following functions is a built-in function in python?	factorial()	print()	seed()	sqrt()	2
8	What will be the output of the following Python function? len(["hello",2, 4, 6])	Error	2	4	8	3
9	What will be the output of the following Python code? x = 'abcd' for i in x: print(i.upper())	a B c D	A B C D	a b c d	None of these	2

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10	Which of the following statements is used to create an empty set in Python?	()	{}	[]	set()	4
11	To add a new element to a list we use which Python command?	list1.addEnd(5)	list1.addLast(5)	list1.append(5)	list1.add(5)	3
12	Which of the following Python statements will result in the output: 6? A = [[1, 2, 3], [4, 5, 6], [7, 8, 9]]	A[2][1]	A[1][2]	A[3][2]	A[2][3]	2
13	What will be the output of the following Python program? i = 0 while i < 5: print(i) i += 1 if i == 3: break else: print(0)	Error	0 1 2	0 1 2 3 4 5	0 1 2 0	2
14	What will be the output of the following Python code? x = 'abcd' for i in range(len(x)): print(i)	error	1 2 3 4	a b c d	0 1 2 3	4
15	Which of the following is a Python tuple?	{1, 2, 3}	{}	[1, 2, 3]	(1, 2, 3)	4
16	Which of the following is a Python list?	{1, 2, 3}	{}	[1, 2, 3]	(1, 2, 3)	3
17	Which of the following is a Python set?	{1, 2, 3}	{}	[1, 2, 3]	(1, 2, 3)	1
18	What will be the output of the following Python expression? round(4.576)	4	5	4.5	None of these	2
19	Which of the following commands will create a list?	list1 = list()	list1 = []	list1 = list([1, 2, 3])	all of the	4
20	Suppose list1 is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after list1.reverse()?	[3, 4, 5, 20, 5, 25, 1, 3]	[1, 3, 3, 4, 5, 5, 20, 25]	[25, 20, 5, 5, 4, 3, 3, 1]	[3, 1, 25, 5, 20, 5, 4, 3]	4

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21	What will be o/p of following code? listExample=[3, 4, 5, 20, 5, 25, 1, 3] listExample.pop(1) print(listExample)	[3, 4, 5, 20, 5, 25, 1, 3]	[1, 3, 3, 4, 5, 5, 20, 25]	[3, 5, 20, 5, 25, 1, 3]	[1, 3, 4, 5, 20, 5, 25]	3
22	What will be the output of the following Python code? names1 = ['Amir', 'Bala', 'Chales'] if 'amir' in names1: print(1) else: print(2)	1	2	none	error	2
23	What will be the output of the following Python code? numbers = [1, 2, 3, 4] numbers.append([5,6,7,8]) print(len(numbers))	4	5	8	12	2
24	What will be the output of the following Python code? def addItem(listParam): listParam += [1] mylist = [1, 2, 3, 4] addItem(mylist) print(len(mylist))	1	4	5	8	3
25	Suppose t = (1, 2, 4, 3), which of the following is incorrect?	print(t[3])	t[3] = 45	print(max(t))	print(len(t))	2
26	What will be the output of the following Python code? t=(1,2,4,3) print(t[1:3])	(1, 2)	(1, 2, 4)	(2, 4)	(2, 4, 3)	3
27	What will be the output of the following Python code? >>>t1 = (1, 2, 4, 3) >>>t2 = (1, 2, 3, 4) >>>t1 < t2	TRUE	FALSE	error	None of these	2
28	What will be the output of the following Python code? >>> a=(1,2) >>> b=(3,4) >>> c=a+b >>> c	(4,6)	(1,2,3,4)	Error as tuples are immutable	None of these	2

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29	What will be the output of the following Python code?
	>>> a=(2,3,1,5)
	>>> a.sort()
	>>> a
		(1,2,3,5)	(2,3,1,5)	Error, tuple has no attribute sort	None of these	3

30	What will be the output of the following Python code?
	>>> a=[(2,4),(1,2),(3,9)]
	>>> a.sort()
	>>> a
		[(1, 2), (2, 4), (3, 9)]	[(2,4),(1,2),(3,9)]	Error because tuples are immutable	Error, tuple has no sort attribute	1

31	Is the following Python code valid? >>> a,b=1,2,3	Yes, this is an example of tuple unpacking. a=1 and b=2	Yes, this is an example of tuple unpacking. a=(1,2) and b=3	No, too many values to unpack	Yes, this is an example of tuple unpacking. a=1 and b=(2,3)	3
32	Look at the following Python program: x = "Integer" print(type(x)	<class 'str'>	<class 'int'>	error	None of these	3
33	What will be the output of the following Python code? True = False while True: print(True) break	TRUE	FALSE	error	None of these	4
34	What will be the output of the following Python code? x = 'abcd' for i in range(x): print(i)	a b c d	0 1 2 3	error	none of the mentioned	3
35	What will be the output of the following Python code? x = 'abcd' for i in range(len(x)): print(i)	a b c d	0 1 2 3	error	none of the mentioned	2
36	What will be the output of the following Python code? x = 'abcd' for i in range(len(x)): print(i.upper())	a b c d	0 1 2 3	error	1 2 3 4	3

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37	What will be the output of the following Python code snippet? x = 'abcd' for i in range(len(x)): x = 'a' print(x)	a	abcd abcd abcd	a a a a	None of these	3
38	What will be the output of the following Python code? x = 123 for i in x: print(i)	1 2 3	123	error	none of these	3
39	What will be the output of the following Python code? for i in range(5): if i == 5: break else: print(i) else: print("Here")	0 1 2 3 4 Here	0 1 2 3 4 5 Here	0 1 2 3 4	1 2 3 4 5	1
40	What will be the output of the following Python code? string = "my name is x" for i in string.split(): print (i, end=", ")	m, y, , n, a, m, e, , i, s, , x,	m, y, , n, a, m, e, , i, s, , x	my, name, is, x,	error	3
41	Which of the following is invalid?	_a = 1	__a = 1	__str__ = 1	none of the	4
42	Which of the following is an invalid variable?	my_string_1	1st_string	foo	_	2
43	Which is the correct operator for power(x^y)?	X^y	X**y	X^^y	mentioned	2
44	What is the order of precedence in python? i) Parentheses ii) Exponential iii) Multiplication iv) Division v) Addition vi) Subtraction	i,ii,iii,iv,v,vi	ii,i,iii,iv,v,vi	ii,i,iv,iii,v,vi	i,ii,iii,iv,vi,v	1
45	What is the answer to this expression, 22 % 3 is?	7	1	0	5	2
46	What is the output of this expression, 3*1**3?	27	9	3	1	3
47	Which one of the following has the same precedence level?	Addition and Subtraction	Multiplication, Division and Addition	Multiplication, Division, Addition and Subtraction	Addition and Multiplication	1

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48	Which one of the following has the highest precedence in the expression?	Exponential	Addition	Multiplication	Parentheses	1
49	What will be the output of the following Python code? >>>str="hello" >>>str[:2] >>>	he	lo	ello	hello	1
50	What data type is the object below? L = [1, 23, 'hello', 1]	list	touple	array	dictionary	1
51	In order to store values in terms of key and value we use what core data type.	list	touple	array	dictionary	4
52	What is the average value of the following Python code snippet? >>>grade1 = 80 >>>grade2 = 90 >>>average = (grade1 + grade2) / 2	85.0	85.1	95.1	85.5	1
53	Which among the following list of operators has the highest precedence? +, -, **, %, /, <<, >>, |	<<, >>	**	|	%	2
54	What will be the output of the following Python code? s=set() type(s)	<'set'>	<class 'set'>	set	class set	2
55	The _____function removes the first occurance of a list	remove()	pop()	discard()	clear()	1
56	The _____function removes the specific item of list.	remove()	pop()	discard()	clear()	2
57	The _____function removes the all items of list.	remove()	pop()	delete()	clear()	4

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58	which method Returns the index of the first element with the specified value?	index()	position()	array()	none of these	1
59	Which method Adds an element at the specified position?	append()	add()	insert()	none of these	3
60	which method Returns the number of elements with the	cnt()	count()	calculate()	len()	2
61	Which method is used to reverse the elements of the list?	rev()	reverse()	asc()	decs()	2
62	thislist = ["apple", "banana", "cherry", "orange", "kiwi", "melon", "mango"] print(thislist[2:5])	["apple", "banana", "cherry"]	["cherry", "orange", "kiwi"]	["banana", "cherry", "orange", "kiwi"]	["kiwi", "melon", "mango"]	2
63	lst=[1,2,3,4,5,6,7,8,9] print(lst[-1,-5]	[6,7,8,9]	[1,2,3,4,5]	[5,6,7,8,9]	[1,2,3]	1
64	which keyword is use to check if the item is present in the list ?	in	on	under	exist	1
65	Which of the following expressions is an example of type conversion?	4.0 + float(3)	5.3 + 6.3	5.0 + 3	3+4	1
66	What will be the output of the following Python code? def sayHello(): print('Hello World!') sayHello() sayHello()	Hello World! Hello World!	Hello World!' 'Hello World!'	Hello World!	None of these	1
67	What will be the output of the following Python code? def printMax(a, b): if a > b: print(a, 'is maximum') elif a == b: print(a, 'is equal to', b) else: print(b, 'is maximum') printMax(3, 4)	3	4	4 is maximum	None of these	3

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68	What will be the output of the following Python code? x = 50 def func(x): print('x is', x) x = 2 print('Changed local x to', x) func(x) print('x is now', x)	x is 50 Changed local x to 2 x is now 50	x is 50 Changed local x to 2 x is now 2	x is 50 Changed local x to 2 x is now 100	None of these	1
69	What will be the output of the following Python code? x = 50 def func(): global x print('x is', x) x = 2 print('Changed global x to', x) func() print('Value of x is', x)	x is 50 Changed global x to 2 Value of x is 50	x is 50 Changed global x to 2 Value of x is 2	x is 50 Changed global x to 50 Value of x is 50	None of these	2